

REAL TIME BACKUP SYSTEM FOR COMPUTER USERS

ABSTRACT OF THE DISCLOSURE

This invention involves tracking and backing all the information that a user generates on its computer devices (including embedded devices) in real time. The local user server records all user actions and gestures (via various means that include TV cameras). All of this information (user actions and saved files in a computer) is then sent to a remote server via the Internet. This remote server has a virtual map of all the embedded devices on a computer that the person uses. The remote server immediately starts to interpret the user's actions (including user gestures). In one implementation, the invention stores user actions that are related to data generation (e.g. actions that called some links where data is stored, or executed some programs that generated data). In another variant, the remote server generates and downloads the same files that are downloaded on the local user computer devices. For example, if a person begins to download a program, the server may also download the same program on a remote backup server. This way, if the user loses this program, it can be retrieved automatically through a provided server on the Internet. If user's files are backed up by regular backup periodically, relevant data that were stored by real time backup servers can be eliminated.